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PATENT NOTICE

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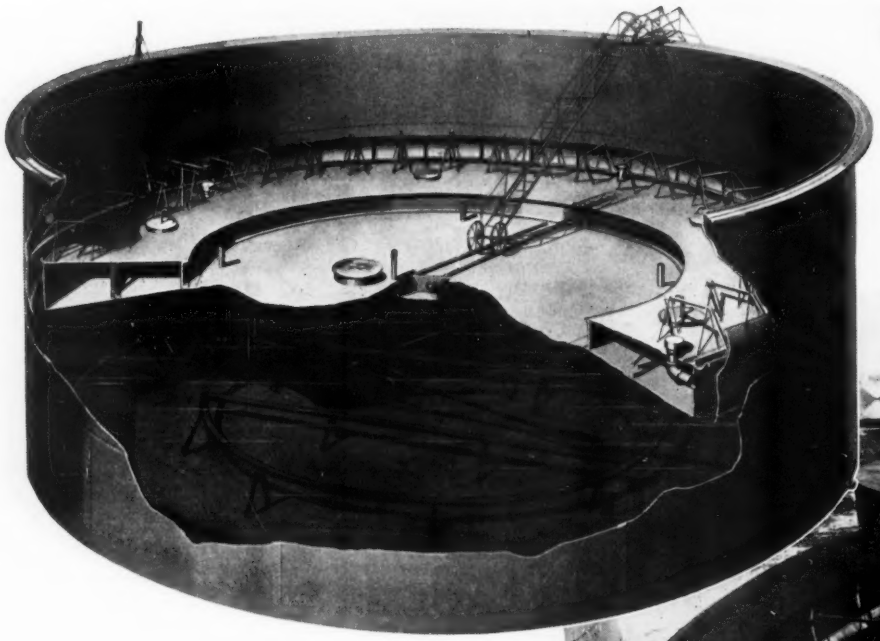
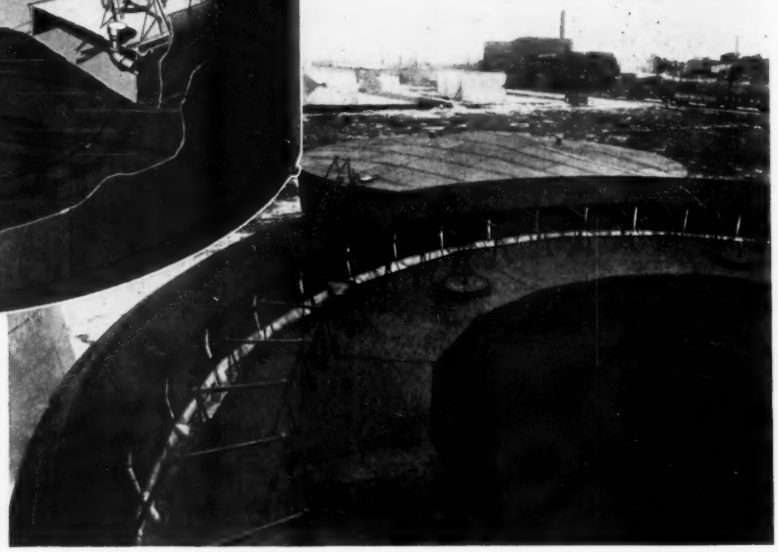
COMPLETE COVERAGE *against* evaporation and fire losses »





WIGGINS PONTOON ROOFS

Above: cut-away view showing the construction features of the Wiggins Pontoon Roof.

Right: close-up view showing one side of a Wiggins Pontoon Roof on a 30 ft. diameter by 40 ft., 7 in. high gasoline marketing tank.

OTHER PRODUCTS

Oil Storage Tanks	Absorbers
Wiggins Roofs	Bubble Towers
Hortonspheres	Condenser Boxes
Rundown Tanks	Crude Stills
Cylindrical Tanks	Refinery Equipment
Elevated Tanks	Tank Cars
Standpipes	Smoke stacks
Pressure Tanks	Gas Holders
Agitators	

CHICAGO BRIDGE & IRON WORKS

Cleveland	2206 Midland Bank Bldg.
Houston	1118 Electric Bldg.
Tulsa	2407 Exchange Bank Bldg.
New York	3145 Hudson Terminal Bldg.
Philadelphia	2614-1616 Walnut St. Bldg.
Boston	1516 Consolidated Gas Bldg.
Chicago	2125 Old Colony Bldg.
Detroit	1513 Lafayette Bldg.
Birmingham	1534 Fiftieth St., N.
Dallas	1239 Burt Bldg.
San Francisco	1060 Rialto Bldg.
Los Angeles	1322 Subway Terminal Bldg.
Havana, Cuba	Apartado 2507

COMPLETENESS of the protection afforded by Wiggins Roofs against evaporation losses and fire hazards in oil storage is demonstrated by a record of over seven years' outstanding success all over the world. By stopping evaporation losses—both volumetric and gravity—Wiggins Roofs repay their cost in a short time, so that the effective safeguard against fire is practically free.

A new and popular design of the Wiggins Floating Roof for marketing and refining tanks is shown above. Known as the Pontoon Roof, its features include insulation and non-sinkable design, plus the advantages of heavy plate construction.

A continuous ring of pontoons with separating bulkheads extends around the outer edge of the deck. The dead air space provided by the pontoons insulates the standard Wiggins seal and the liquid underneath it. The seal is thus made more effective.

The Wiggins Pontoon Roof floats on the surface of the oil effectively blanketing it at all levels. Emptying and filling losses, common to the ordinary "gas-tight" roof, are reduced to a minimum.

Maximum protection against fire is also provided by eliminating inflammable mixtures of air and vapor in the tank. It is a fact that no tank protected by a Wiggins Roof has ever been a fire loss.

The Wiggins Breather Roof is likewise highly effective in stopping evaporation losses and reducing fire hazards on standing storage tanks. Acting as a diaphragm, this roof is fastened to the top angle of the tank shell, and flexes up and down with vapor volume fluctuations. No air is vented out, nor is air drawn in during ordinary operation.

Our nearest office will gladly supply evaporation and fire data and cost estimates on Wiggins Roofs, tanks and other steel plate products.

WIGGINS ROOFS

NPN 7-1 Gray

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